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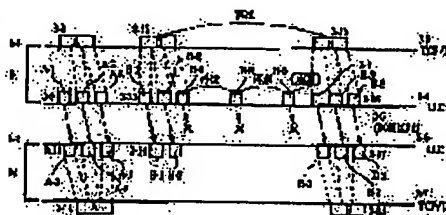
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(54) RADIO PACKET RE-TRANSMISSION METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To prevent an identical packet from being transmitted for a plurality of number of times by aborting wasteful packets at a subordinate layer and not transmitting them, while detecting re-transmission data packets at a host layer or taking a re-transmission timer of the host layer into account.

SOLUTION: A data packet A3-8 of TCP/IP3-3 is divided into a plurality of radio packets on an LLC layer 3-4 and sent for a radio block 3-5, which are then received by a logical link control LLC 3-6 of a radio station #2 and handed over to the TCP/IP layer 3-7. In the case of transferring a data packet B3-12, a transferred packet B-3 among radio packets divided on the LLC layer 3-4 has become re-transmitted due to an error. After re-transmission is repeated twice, a TCP/IP3-3 re-transmission timer expires, and the packet 3-15 is resent. At this time, the radio packets resent on the LLC layer are aborted and the radio packet 3-16 is sent again. Then the packet is received and assembled by the LLC3-6 of the radio station #2 and is handed over to the TCP/IP3-7.



LEGAL STATUS

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